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		TION DISCLOSUR	=	Application N	umber	09/898,310)
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<u> </u>	<u>, </u>	LITTOT ALT LIGATI	<u> </u>	Filing Date		July 3, 200)1
				First Named I	nventor	Teng Pin F	
				Group Art Un	it	2133	
	(use as	many sheets as necessary)		Examiner Na	ne	Gelagay, S	Shewaye
Sheet	T	1 of 4		Attorney Doci	cet Number	1601457-0	
		U	S. PA	TENT DOCU	MENTS	·	
	Cha	Document Number	I	blication Date	Name of Patente	e or Applicant	Pages, Columns, Lines, Where
kaminer nitials *	Cite No.1	Number-Kind Code ² (if known)		M-DD-YYYY	of Cited Do		Relevant Passages or Relevan Figures Appear
SG		US App. 09/449,159		none	Abbott	et al.	
		US - 5,414,425	05	-09-1995	Whiting		
		US - 5,485,519		-16-1996	Wei		
\top		US - 5,621,798	 	-15-1997	Aucsmith		
\top		US - 5,850,189		-15-1998	Sakanak		
1		US - 5,949,882	09	-07-1999	Ang	elo	0
		US - 5,969,750	10	-19-1999	Hsieh		
		US - 6,005,613	12	-21-1999	Endsley		
		US - 6,105,130	08	-15-2000	Wu e		
		US - 6,116,006		-12-2000	Killen		
		US - 6,151,069		-21-2000	Dunton		
		US - 6,199,122 B1		-06-2001	Kobay		
		US - 2001/0009439 A1		-26-2001	Hwa		
		US - 2001/0016845 A1		-23-2001	Tribbe		
	ļ	US - 2001 0029583 A1		-11-2001	Palatov		
		US - 2001 0030827 A1		-18-2001	Morot		
		US - 2001 0047441 A1		-29-2001	Robertso		
		US - 6,370,603		-09-2002	Silverma		
		US - 6,385,677		-07-2002	Ya		
_		US - 2002/0069237 A1		-06-2002	Eha		
	 	US - 2002 0116565 A1		-22-2002	Wang		
		US - 6,457,099 B1		-24-2002	Gilb Pua e		
	 	US - 2002 0147882 A1		-10-2002 -10-2002	Foster, R		
	┼	US - 2002 0145507 A1		-05-2002	Chatani, N		
	\vdash	US - 6,477,206 B1 US - 2002 0167546 A1		-14-2002	Kimbel		
	 	US - 2002/0194414 A1		2-19-2002	Batema		
\dashv	 	US - 2002/0174287 A1		-21-2002	Che		
\dashv	 	US - 2003 0063196 A1		-03-2003	Palato		
	 	US - 2003/0103369 A1		-05-2003	W		
	 	US - 6,577,337 B1		-10-2003	Kang, N		
	†	US - 2003/0115415 A1		-19-2003	Want		
	<u> </u>	US - 2003/0157959 A1		3-21-2003	Makela		
	1	US - 2003 0163634 A1		3-28-2003	Ki		
1		US - 6,628,325 B1		-30-2003	Steinbe	rg et al.	
		US - 6,671,808 B1		-30-2003	Abbott	et al.	
\sqrt{N}		US - 6,748,541 B1		-08-2004	Margal		
V		US 6,763,399 B2	07	'-13-2004	Margal	it et al.	
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Evamic® T	Cite	· · · · · · · · · · · · · · · · · · ·	GN PATENT DO	COMENTS	Pages, Columns,	
Examinar toilais	No.1	Foreign Patent Document Country Number Code (if , known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Lines, Where Relevant Pessages or Relevant Figures Appear	T ₆
		EP 0 856 818 A2, A3	05-08-1998	Motorola, Inc.		
		EP 0 883 084 A2	12-09-1998	Sony Corporation		
1		JP 11266384 A	09-28-1999	Shinkawa et al.		
1		WO 00/07387	02-10-2000	Sony Computer Ent.		
		JP 2000 200248	07-18-2000	Aladdin Knowledge Sys.		
1		JP 2000 200123	07-18-2000	Mitsumi Electric Co. Ltd.		
-		JP 2000 209534 A	07-28-2000	Fujioka, Hiroshi		
- 		EP 1 030 494 A1	08-23-2000	Sony International	<u> </u>	
+ +		JP 2000 307911	11-02-2000	NEC Corp.	 	
1 1		TW 431101	04-21-2001	Sony Computer Ent.		
		TW 439377	06-07-2001	Sony Computer Ent.		
		WO 01/48612 A1	07-05-2001	Kannis, Sammy		
		JP 2001 216099	08-10-2001	Deng Guoshun; Cheng	'	
1		JP 2001 216099	00-10-2001	Xiaohua	ļ	
-	 	TM 452074	09-01-2001	Inst. Info. Tech.		
-		TW 453071				
_		JP 2001 242965 A	09-07-2001	Yoshizawa, Junichi		
		EP 1139224 A2	10-04-2001	Jones, Alan	·	
		EP 1 146 559 A1	10-17-2001	Omnivision Technologies		
	<u> </u>	JP 2001 290753 A	10-19-2001	Hosoda, Jun	L	
		JP 2001 344173	12-14-2001	Fujitsu Ltd.		
		JP 2001 346075	12-14-2001	Fuji Photo Film Co. Ltd.		
		JP 2002 157195	05-31-2002	Seiko Epson Corp.		
		EP 1 215 876 A1	06-19-2002	Canon Kabushiki Kaisha		
\neg		JP 2002 232769 A	08-16-2002	Gotanda, Yoshiharu		
7/		KR 2002 085497 A	11-16-2002	Hwang, G S		
_ A		JP 2002 359763 A	12-13-2002	Sasagawa, Mikio		
SG		JP 2003 186782 A	07-04-2003	Makishima, Sugio		
	_	0. 000 000				
		 				
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75 8		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	,,,,,
Examtrer nities *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ²
SG		Aladdin eToken and Rainbow iKey; Rainbow; date unknown	
		Lexar JumpShot Cable; date unknown	
		PCMCIA SRAM & Linear Flash Cards; C1-Tech, Simple Technology, Centennial, Intel, KingMax; date unknown; retrieved from the internet URL:http://www.psism.com/sram.htm; 5 pages Pretec PCMCIA Type I SRAM 2048 KB; date unknown; retrieved from the internet	
		URL:http://www.everythinglinux.com/SRAM2M?elinux=e0c72135e544a6ea13772f5c2 3ba3f0; 1 page What is Memory Stick?; date unknown; retrieved from the internet	
		URL:http://www.memorystick.org/topic/eng/aboutms/feat_outline.html; 1 page	
		RAJESH GUPTA; YERVANT ZORIAN; Introducing Core-Based System Design; IEEE; 1997; pp. 15-25	
		CY7C63000, CY7C63001, CY7C63100, CY7C63101, CY7C63200, CY7C63201 Universal Serial Bus Microcontroller; Cypress; June 26, 1997; 27 pages	
		PC/104 PCMCIA Module, 1 st Edition, Part No. 2007311000 Manual; Printed in Taiwan; July 1997	÷
		IBM Smart Card Solution Elements; IBM; July 1997; pp. 1-24	
		Interfacing the Intel Flash 28F001BX-T to Your 186 Based System; Intel; 1998; retrieved from the internet URL:http://developer.intel.com/design/intarch/applnots/2150.htm 14 pages	
		SY-6IEB Main Board Quick Start Guide; SOYO Computer Inc.; September 1998; pp. 3-14	
		Universal Serial Bus Specification Revision 1.1; Compaq, Intel, Microsoft, NEC; September 23, 1998	
		Week of Oct 19 1998; Multimedia Work; October 23, 1998; retrieved from internet URL:http://www.m2w.net/News/981019.html; 10 pages	
		Understanding the Flash Translation Layer (FTL) Specification; Intel; December 1998	
	ή.	SanDisk ImageMate USB Review ; Digital Eyes; copyright 1998-2001; retrieved from internet URL:http://www.image-acquire.com/articles/storage/sdimagematesub.shtml; 2 pages	
		USBDrive Professional; www.usbdrive.com, 1998-2003	
		TONY K.P. WONG; An Embedded Chip for USB Application: from the Architecture to Implementation; International IC' 99 Conference Proceedings; Siemens; 1999; 10 pages	
		AlphaPC 164LX Motherboard Product Brief; Alphaprocessor, Inc.; January 1999; 2 pages	
		Image Memory Card Reader SM-R1 Owner's Manual; FujiFilm; April 1, 1999;	
		SanDisk ImageMate USB CF Card Reader; Feather River Canyon News; July 12, 1999; retrieved from the internet URL:http://www.quicknet.com/~frcn/SanDiskUSB.html; 3 pages	
		JEFF KELLER; DCRP Review: Fujifilm MX-2900; Digital Camera Resource Page; July 27, 1999; retrieved from the internet URL:http://www.dcresource.com/reviews/fuji/mx2900-review/; 9 pages	
$\overline{\mathbf{V}}$		Matsushita Electric, Scandisk and Toshiba Agree Join Forces to Develop and Promote Next Generation Secure Memory Card; SD Card Association; August 25, 1999; retrieved from internet URL:http://www.sdcard.org/press5.htm; 4 pages	

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,				(8)
	APR	0	7005	u.

xamin	ner	Cite		
Examiner Initials		No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ:
]			(BW) (CA – Rainbow – Technologies) (RNBO) Rainbow Technologies Forms New Joint Venture in China; Business Wire; November 8, 1999; retrieved from the internet URL:http://www.businesswire.com/webbox/bw.110899/193120188.htm; 2 pages	
Ì			Fuji Film SM-R1 Memory Card Reader; TwoMobile; December 1999; retrieved from internet URL:http://www.twomobile.com/rev_smr1reader.html; 3 pages	
			Trek's Thumb Drive Debuts at CeBit; The Business Times; February 28, 2000	
ŀ		*	Boot sequence [online]; 16 January 2001; retrieved from the internet: URL:http://web.archive.org/web/20010116104400/www.pcguide.com/ref/mbsys/bios/set/adv_Boot.htm	
			T. Fukagawa and M. Nagayama, "2001 edition of Hints on Use of PC – Release of Convincing Techniques and Useful Approaches to Using PC," Touch PC, Mainichi Communications, Inc., March 24, 2001, Vol. 6, No. 3, pp. 20-21	
			SL11R USB Controller/16-Bit RISC Processor Data Sheet; Cypress Semiconductor Corporation; December 3, 2001; 85 pages	
			USB Support for Amibios8 [online]; American Megatrends; 16 October 2002; retrieved from the internet: URL:http://www.ami.com/support/downloaddoc.cfm?DLFile=support/doc/AMIBIOS8 US B Whitepaper.pdf&FileID=513; 12 pages	
			SSFDC Forum; SSFDC Forum; December 27, 2002; retrieved from internet URL:http://www.ssfdc.or.jp/english/; 1 page	
			Mainboard D1307. Datasheet [online]; Fujitsu Siemens Computer, March 2003; retrieved from the internet: URL:www.fujitsusiemens.com.pl/ itemserver/dok mainboard/datasheet d1307.pdf; 2 pages	
			Concept of SPB-Linux-2 [online]; 24 March 2003; retrieved from the internet: <u>URL:http://www.8ung.at/spblinux/concept.htm.;</u> 3 pages	
V	/		Reference Design: SL11RIDE-Combo; Cypress; July 10, 2003; retrieved from internet; 2 pages	
S	G		Availability of Universal Serial Bus Support in Windows 95; October 7, 2003; retrieved from the internet <u>URL:http://support.microsoft.com/default.aspx?scid=kb:en-us:253756</u> ; 3 pages	

Examiner Signature	/Shewaye Gelagay/	Date Considered	10/25/2006
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Substitute fo	or form 1449A/PT	0		Complete if Known		
			LOSURE	Application Number	09/898,310	
		•		Filing Date	July 3, 2001	
				First Named Inventor	Teng Pin Poo	
				Group Art Unit	2133	
(use as many sheets as necessary)		Examiner Name	Gelagay, Shewaye			
Sheet	1	of	2	Attorney Docket Number	1601457-0008	

		U.\$	S. PATENT DOCUM	MENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where
Initials *	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	of Cited Document	Relevant Passages or Relevant Figures Appear
SG		U.S 6,027,375	02-22-2000	Wu	-
1		U.S 6,304,898 B1	10-16-2001	Shiigi	
		U.S 2001/0048409 A1	12-06-2001	Kim	
		U.S 2001/0052541 A1	12-20-2001	Kang et al.	
		U.S 2002/0107046 A1	08-08-2002	Davis	
		U.S 2002/0106933 A1	08-08-2002	Lee	
		U.S 6,446,118 B1	09-03-2002	Gottlieb	
		U.S 2002/0151216 A1	10-17-2002	Wei	
\sqrt{I}		U.S 6,490,163 B1	12-03-2002	Pua et al.	
V		U.S 2003/0110371 A1	06-12-2003	Yang et al.	
SG		U.S 2004/0236980 A1	11-25-2004	Chen	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
SG		WO 98/38567	09-03-1998	Dew Engineering and Development		
		CA 2,334,113	04-05-1999	Ban et al.		
		WO 99/63476	12-09-1999	Digital Persona, Inc.		
W		WO 00/28471	05-18-2000	Who? Vision Systems		
SG		EP 1 077 399 A2	02-21-2001	Fujitsu Limited		

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ENSCA!		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, joarnal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ2
SG		Aladdin Announces eToken "Next Generation Security Key Based on Universal Bus Port" SAN JOSE, RSA Data Security Conference, Aladdin booth#238, January 19, 1999, <web <a="" at="" document="" href="http://www.aladdin.com/news/1999/etoken/etoken.asp" retrieved="">http://www.aladdin.com/news/1999/etoken/etoken.asp></web>	
SG		PocoMail PE v.2.63, Web Site Publication, Web Site states released February 2002, http://poco.ca/press.html	

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Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number	09/898/310		
Filing Date	July 3, 2001		
First Named Inventor	Teng Pin Poo		
Art Unit	2133		
Examiner Name	GELAGAY, Shewaye		
Attorney Docket Number	1601457-0008		

U. S. PATENT DOCUMENTS					
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SG	<u> </u>	^{US-} 6,011,486	01-04-2000	Casey	
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FOREIGN PATENT DOCUMENTS						
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